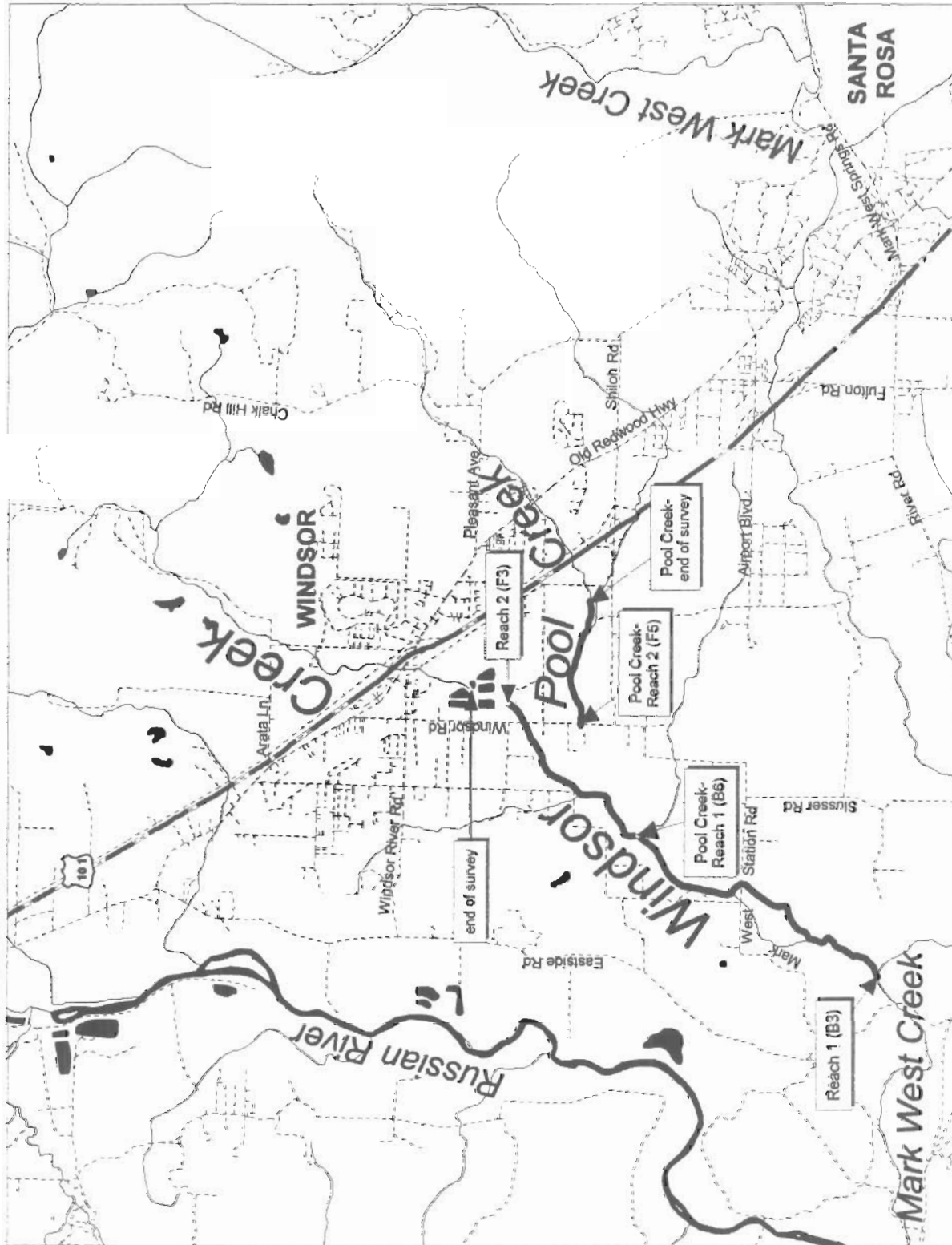
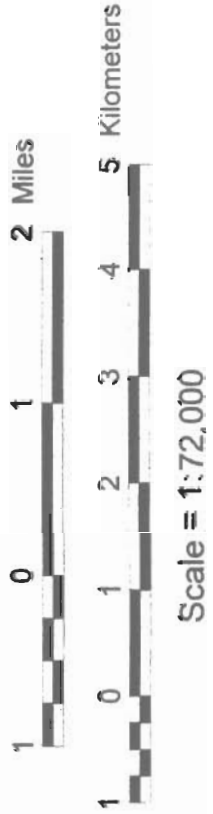


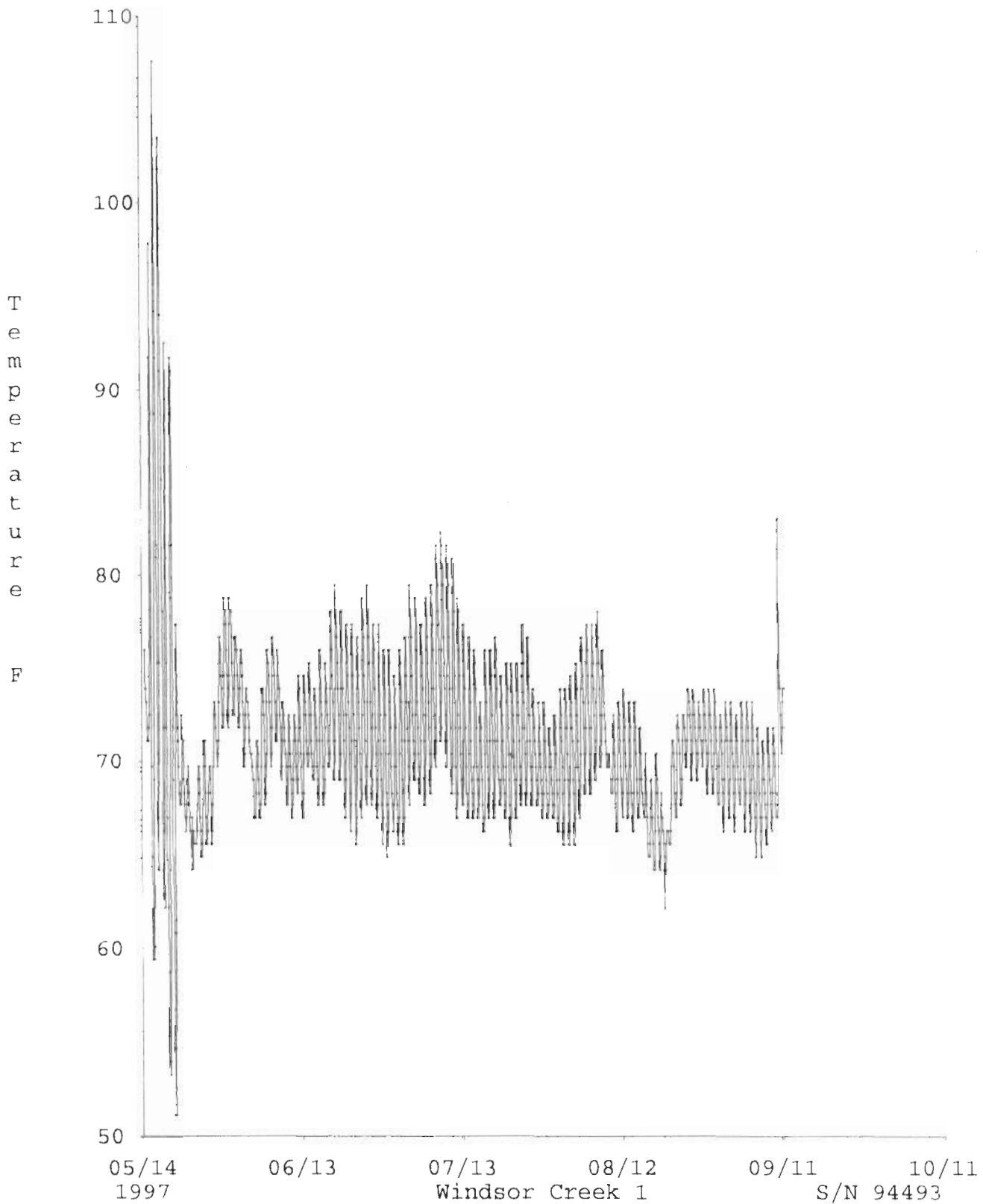
# Windsor Creek

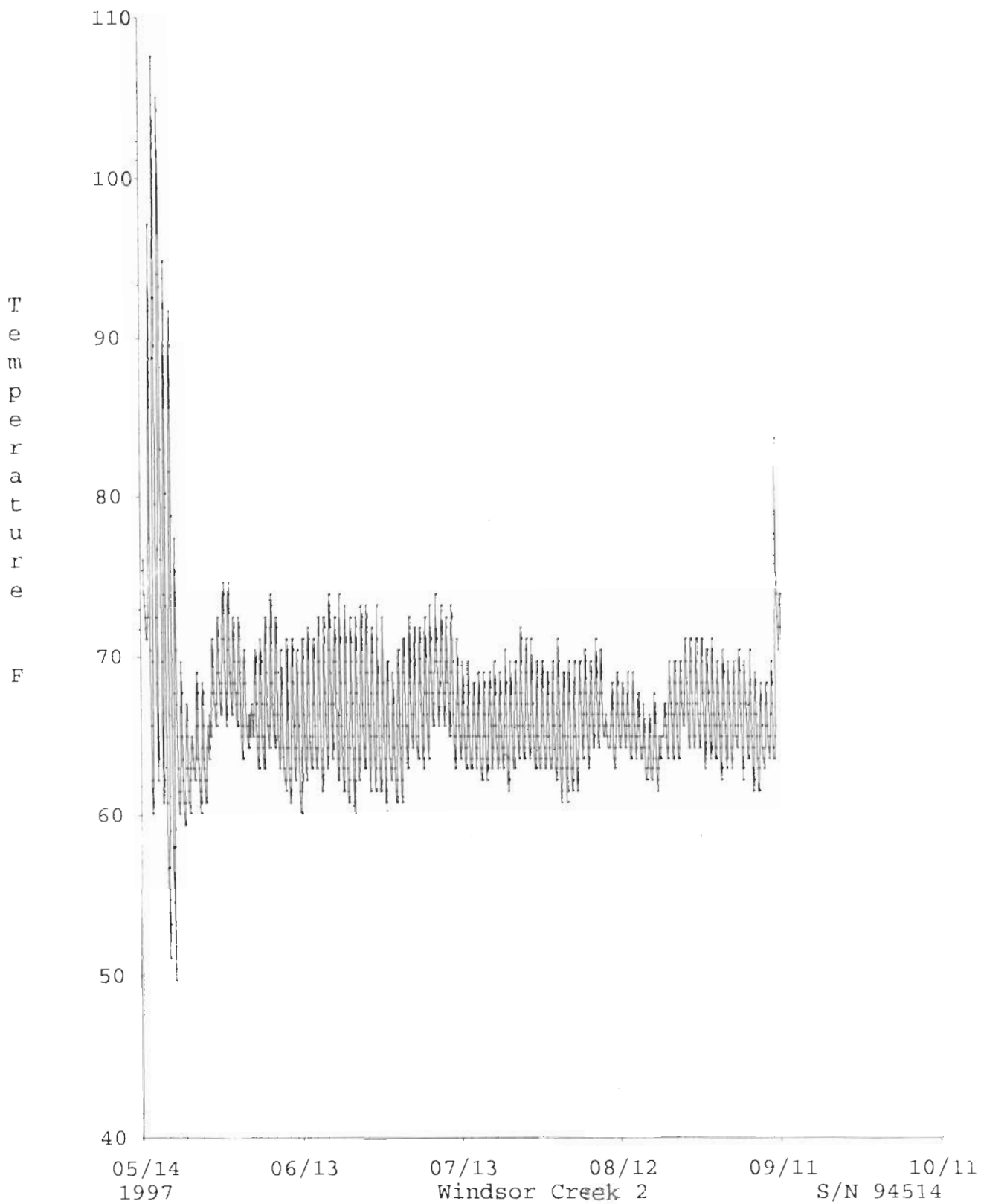


Central Coast Region  
 Department of Fish and Game



- Streams
- Channel Lines
- Wetlands
- Roads
- County Limits (2000)





Drainage: Mark West Creek

2050.54

HABITAT UNITS	UNITS FULLY MEASURED	HABITAT TYPE	HABITAT PERCENT OCCURRENCE	MEAN LENGTH (ft.)	TOTAL LENGTH (ft.)	TOTAL PERCENT	MEAN WIDTH (ft.)	MEAN DEPTH (ft.)	MEAN AREA (sq.ft.)	MEAN ESTIMATED TOTAL AREA (sq.ft.)	MEAN ESTIMATED TOTAL VOLUME (cu.ft.)	MEAN RESIDUAL POOL VOL (cu.ft.)	MEAN SHELTER RATING
9	2	RIPPLE	8	52	470	2	7.2	0.3	717	6451	214	1926	0
48	3	FLATWATER	44	355	17025	78	10.0	0.9	3262	156570	5902	283294	5
43	14	POOL	39	55	2382	11	16.9	1.8	1036	44550	1934	83182	49
10	2	DRY	9	187	1867	9	12.2	0.0	2447	24473	0	0	0
TOTAL UNITS	TOTAL UNITS			TOTAL LENGTH (ft.)	TOTAL LENGTH (ft.)				TOTAL AREA (sq. ft.)	TOTAL AREA (sq. ft.)	TOTAL VOL. (cu. ft.)		
110	21			21744	21744				232044	232044	368402		

## Drainage: Mark West Creek

Survey Dates: 06/12/96 to 06/25/96

Confluence Location: QUAD: SEBAS/HEAL LEGAL DESCRIPTION: T8NR9W

TOTAL UNITS	TOTAL UNITS	LENGTH (ft.)	AREA (sq.ft.)	TOTAL VOL. (cu.ft.)
110	21	217.4	2348.77	373969

## WINDSOR CREEK

Drainage: Mark West Creek

Table 3 - SUMMARY OF POOL TYPES

Survey Dates: 06/12/96 to 06/25/96

Confluence Location: QUAD: SBAS/HEAL LEGAL DESCRIPTION: T8NR9W LATITUDE: 38°29'25" LONGITUDE: 122°50'54"

HABITAT UNITS	UNITS FULLY MEASURED	HABITAT TYPE	HABITAT PERCENT OCCURRENCE	MEAN LENGTH (ft.)	TOTAL LENGTH (ft.)	TOTAL PERCENT LENGTH	MEAN WIDTH (ft.)	MEAN DEPTH (ft.)	MEAN AREA (sq.ft.)	TOTAL AREA (sq.ft.)	MEAN VOLUME (cu.ft.)	TOTAL VOLUME (cu.ft.)	MEAN RESIDUAL EST.	MEAN POOL VOL. (cu.ft.)	MEAN SHELTER RATING
13	4	MAIN	30	75	973	41	18.2	2.0	1598	20769	3113	40474	2014	50	
27	9	SCOUR	63	49	1336	56	16.1	1.7	815	22017	1461	39438	1187	49	
3	1	BACKWATER	7	24	73	3	18.4	1.8	588	1764	1090	3270	961	42	
TOTAL UNITS	TOTAL UNITS				TOTAL LENGTH (ft.)				TOTAL AREA (sq.ft.)			TOTAL VOL. (cu.ft.)			
43	14				2382				44550			83182			

WINDSOR CREEK

Drainage: Mark West Creek

Table 4 - SUMMARY OF MAXIMUM POOL DEPTHS BY POOL HABITAT TYPES

Survey Dates: 06/12/96 to 06/25/96

Confluence Location: QUAD: SEBAS/HEAL LEGAL DESCRIPTION: T8NR9W LATITUDE: 38°29'25" LONGITUDE: 122°50'54"

UNITS	HABITAT	HABITAT	<1 FOOT	<1 FOOT	1-<2 FOOT	1-<2 FOOT	2-<3 FOOT	2-<3 FOOT	3-<4 FT.	3-<4 FT.	>=4 FOOT	>=4 FOOT	>=4 FOOT
MAX DEPTH	TYPE	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	MAXIMUM	PERCENT	PERCENT
MEASURED	OCCURRENCE	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH	OCCURRENCE	DEPTH
12	MCP	28	0	0	0	0	0	7	58	3	25	2	17
1	CCP	2	0	0	0	0	0	0	0	1	100	0	0
4	CRP	9	0	0	2	50	2	50	0	0	0	0	0
5	LSL	12	0	0	2	40	2	40	0	0	0	1	20
15	LSR	35	0	0	2	13	9	60	4	27	0	0	0
3	PLP	7	0	0	0	0	1	33	2	67	0	0	0
1	BPL	2	0	0	1	100	0	0	0	0	0	0	0
2	DPL	5	0	0	0	0	1	50	0	0	0	1	50

TOTAL

UNITS

43

Drainage: Mark West Creek

Table 5 - Summary of Shelter by Habitat Type

Survey Dates: 06/12/96 to 06/25/96

Confluence Location: QUAD: SBRAS/HEAL LEGAL DESCRIPTION: T8NR9W LATITUDE: 38°29'25" LONGITUDE: 122°50'54"

[illegible]

# Johns Hopkins

POOLS 43  
ONLY



## WINDSOR CREEK

Drainage: Mark West Creek

Table 6 - SUMMARY OF DOMINANT SUBSTRATES BY HABITAT TYPE

Survey Dates: 06/12/96 to 06/25/96

Confluence Location: QUAD: SEBAS/HEAL LEGAL DESCRIPTION: TENR9W LATITUDE: 38°29'25" LONGITUDE: 122°50'54"

TOTAL HABITAT UNITS	UNITS SUBSTRATE MEASURED	HABITAT TYPE	% TOTAL SILT/CLAY DOMINANT	% TOTAL SAND DOMINANT	% TOTAL GRAVEL DOMINANT	% TOTAL SM COBBLE DOMINANT	% TOTAL LG COBBLE DOMINANT	% TOTAL BOULDER DOMINANT	% TOTAL BEDROCK DOMINANT
1	7	LGR	0	0	100	0	0	0	0
1	9	HGR	0	0	0	0	100	0	0
3	3	GLD	0	33	67	0	0	0	0
1	5	RUN	0	100	0	0	0	0	0
4	2	MCP	0	75	25	0	0	0	0
1	1	CCP	0	100	0	0	0	0	0
2	4	CRP	0	100	0	0	0	0	0
2	5	LSL	0	50	50	0	0	0	0
3	5	LSR	0	67	33	0	0	0	0
3	3	PLP	0	67	33	0	0	0	0
1	1	BPL	0	0	100	0	0	0	0
0	3	DPL	0	0	0	0	0	0	0
2	0	DRY	0	0	100	0	0	0	0

# WINDSOR CREEK

## APPENDIX A. Summary of Mean Percent Vegetative Cover for Entire Stream

Mean Percent Canopy	Mean Percent Evergreen	Mean Percent Deciduous	Mean Right bank % Cover	Mean Left Bank % Cover
64.40	16.98	83.02	91.14	94.09

## APPENDIX B.

### Mean Percentage of Dominant Substrate

Dominant Class of Substrate	Number Units Right Bank	Number Units Left Bank	Percent Total Units
Bedrock	1	0	2.27
Boulder	1	1	4.55
Cobble/Gravel	0	0	0
Silt/clay	20	21	93.18

### Mean Percentage of Dominant Vegetation

Dominant Class of Vegetation	Number Units Right Bank	Number Units Left Bank	Percent Total Units
Grass	0	0	0
Brush	3	3	13.64
Deciduous Trees	18	18	81.82
Evergreen Trees	1	1	4.55
No Vegetation	0	0	0

# APPENDIX C. FISH HABITAT INVENTORY DATA SUMMARY

STREAM NAME: WINDSOR CREEK

SAMPLE DATES: 06/12/96 to 06/25/96

SURVEY LENGTH:

MAIN CHANNEL: 21672 ft.

SIDE CHANNEL: 72 ft.

LOCATION OF STREAM MOUTH:

USGS Quad Map: SEBAS/HEAL

Latitude: 38°29'25"

Legal Description: T8NR9W

Longitude: 122°50'54"

## SUMMARY OF FISH HABITAT ELEMENTS BY STREAM REACH

### STREAM REACH 1 (Units 1-107)

Channel Type: B4

Mean Canopy Density: 64%

Main Channel Length: 20172 ft.

Evergreen Component: 17%

Side Channel Length: 72 ft.

Deciduous Component: 83%

Riffle/Flatwater Mean Width: 9.6 ft.

Pools by Stream Length: 12%

Pool Mean Depth: 1.8 ft.

Pools >=2 ft. Deep: 84%

Base Flow: 3.3 cfs

Pools >=3 ft. Deep: 33%

Water: 62-66°F Air: 72-86°F

Mean Pool Shelter Rtn: 49

Dom. Bank Veg.: Deciduous Trees

Dom. Shelter: Root masses

Bank Vegetative Cover: 93%

Occurrence of LOD: 23%

Dom. Bank Substrate: Silt/Clay/Sand

Dry Channel: 367 ft.

Embeddness Value: 1. 0% 2. 0% 3. 13% 4. 88% 5. 0%

### STREAM REACH 2 (Units 108-108)

Channel Type: F3

Mean Canopy Density: 0%

Main Channel Length: 1500 ft.

Evergreen Component: 0%

Side Channel Length: 0 ft.

Deciduous Component: 0%

Riffle/Flatwater Mean Width: 0.0 ft.

Pools by Stream Length: 0%

Pool Mean Depth: 0.0 ft.

Pools >=2 ft. Deep: \*\*\*\*\*%

Base Flow: 3.3 cfs

Pools >=3 ft. Deep: \*\*\*\*\*%

Water: 64-64°F Air: 80-80°F

Mean Pool Shelter Rtn: 0

Dom. Bank Veg.: Deciduous Trees

Dom. Shelter: Undercut Banks

Bank Vegetative Cover: 0%

Occurrence of LOD: 0%

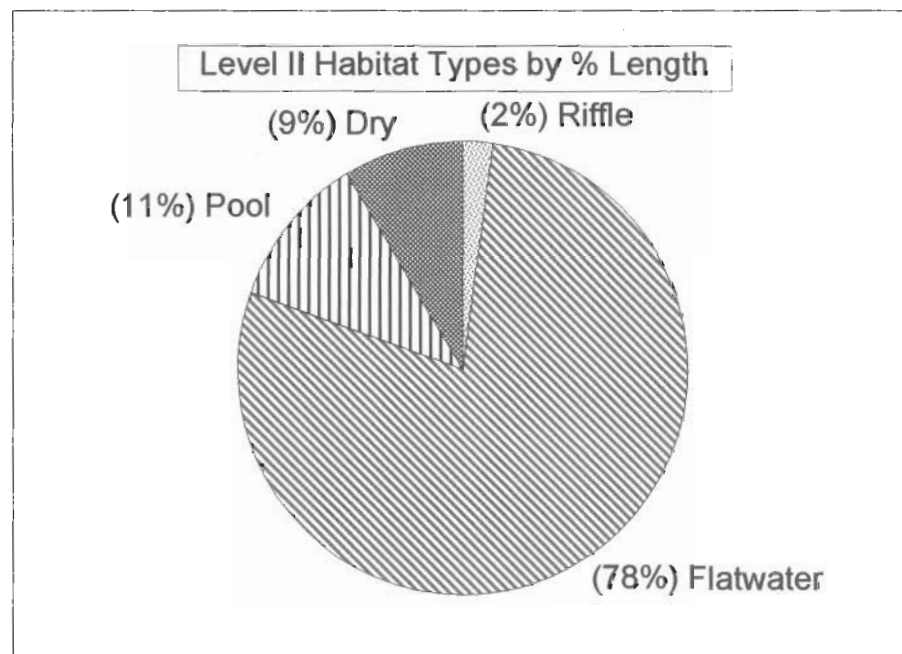
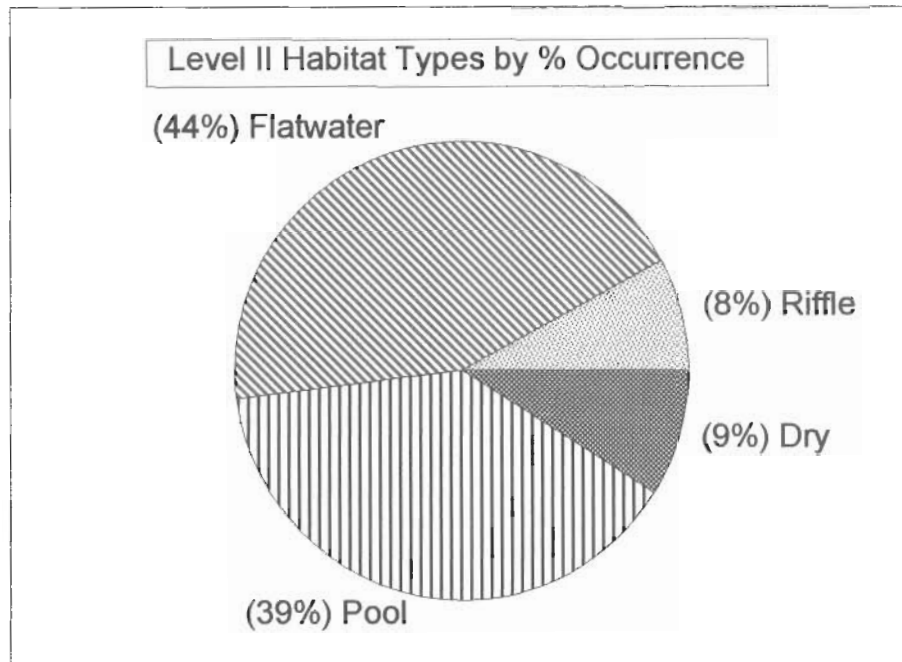
Dom. Bank Substrate: Silt/Clay/Sand

Dry Channel: 1500 ft.

Embeddness Value: 1. 2. 3. 4. 5.

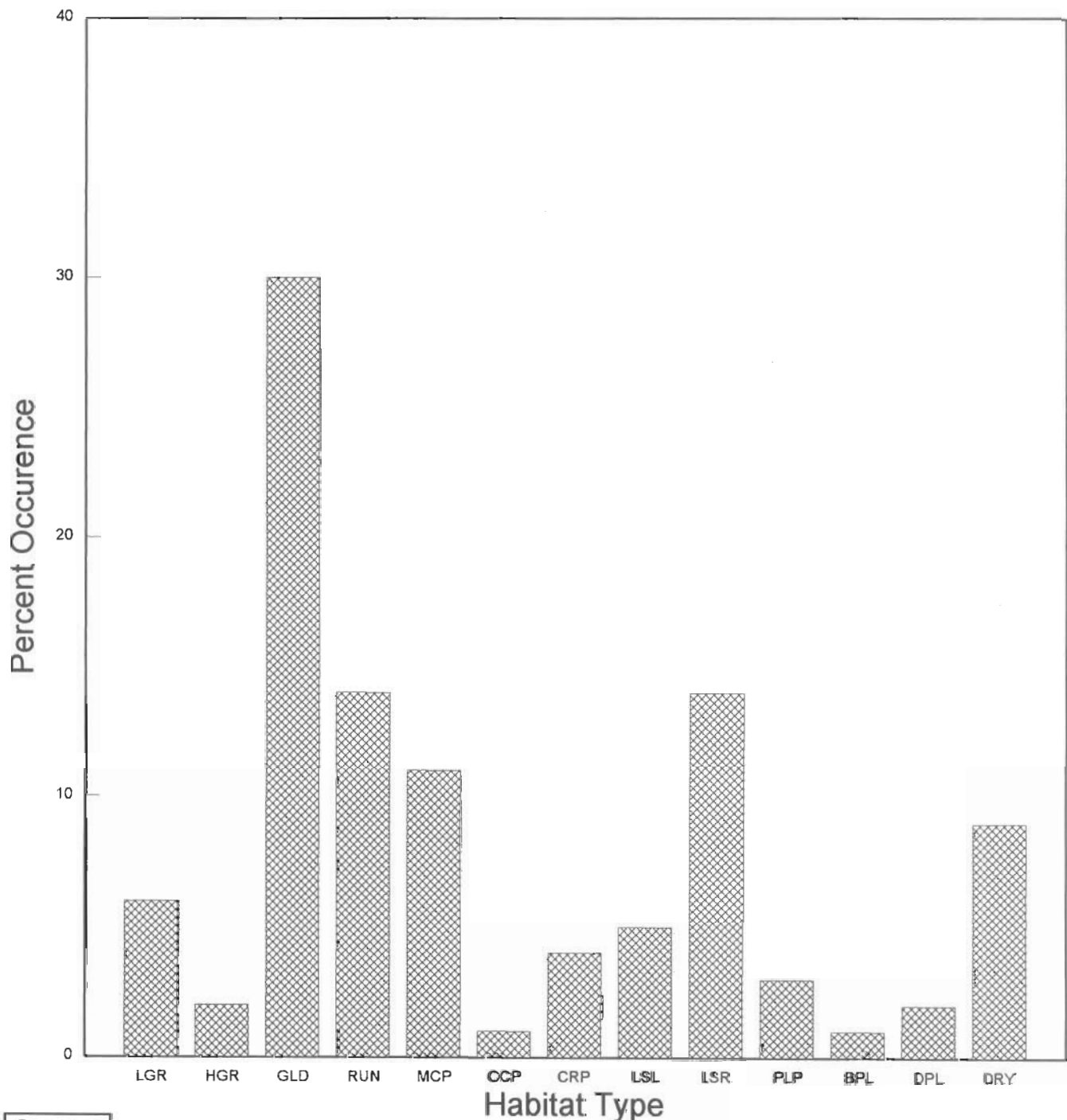
# Windsor Creek

## Level II Habitat Types



# Windsor Creek

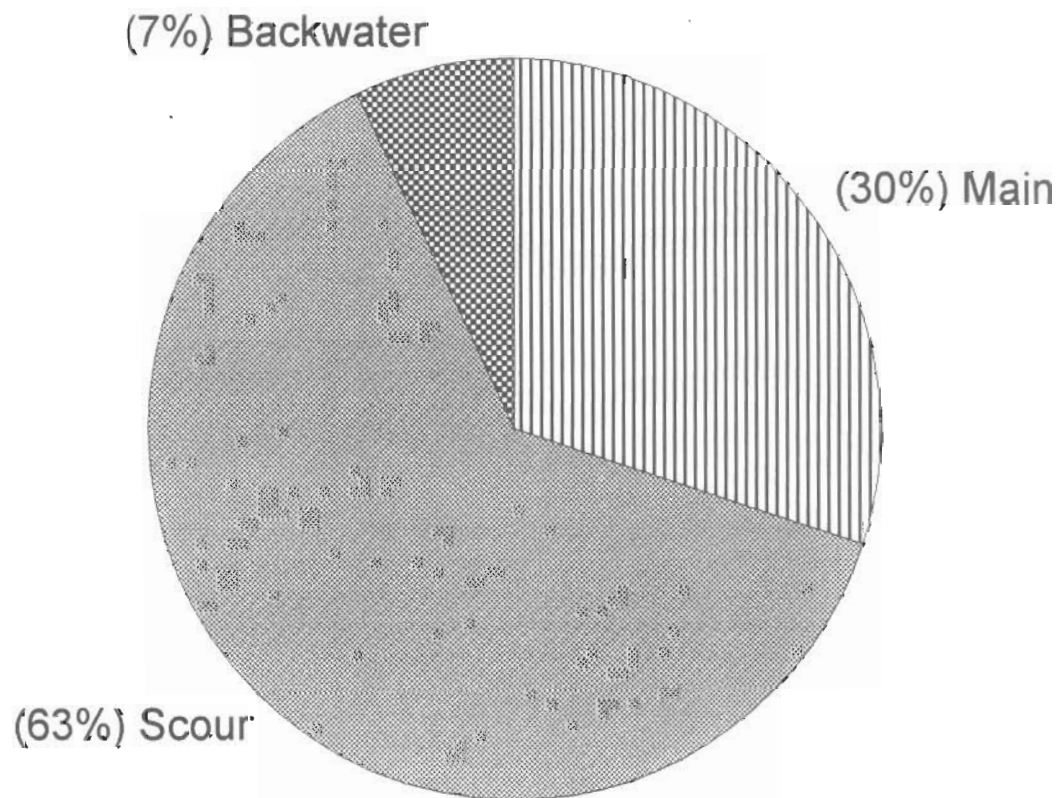
Level IV Habitat Types by % Occurrence



Graph 2

# Windsor Creek

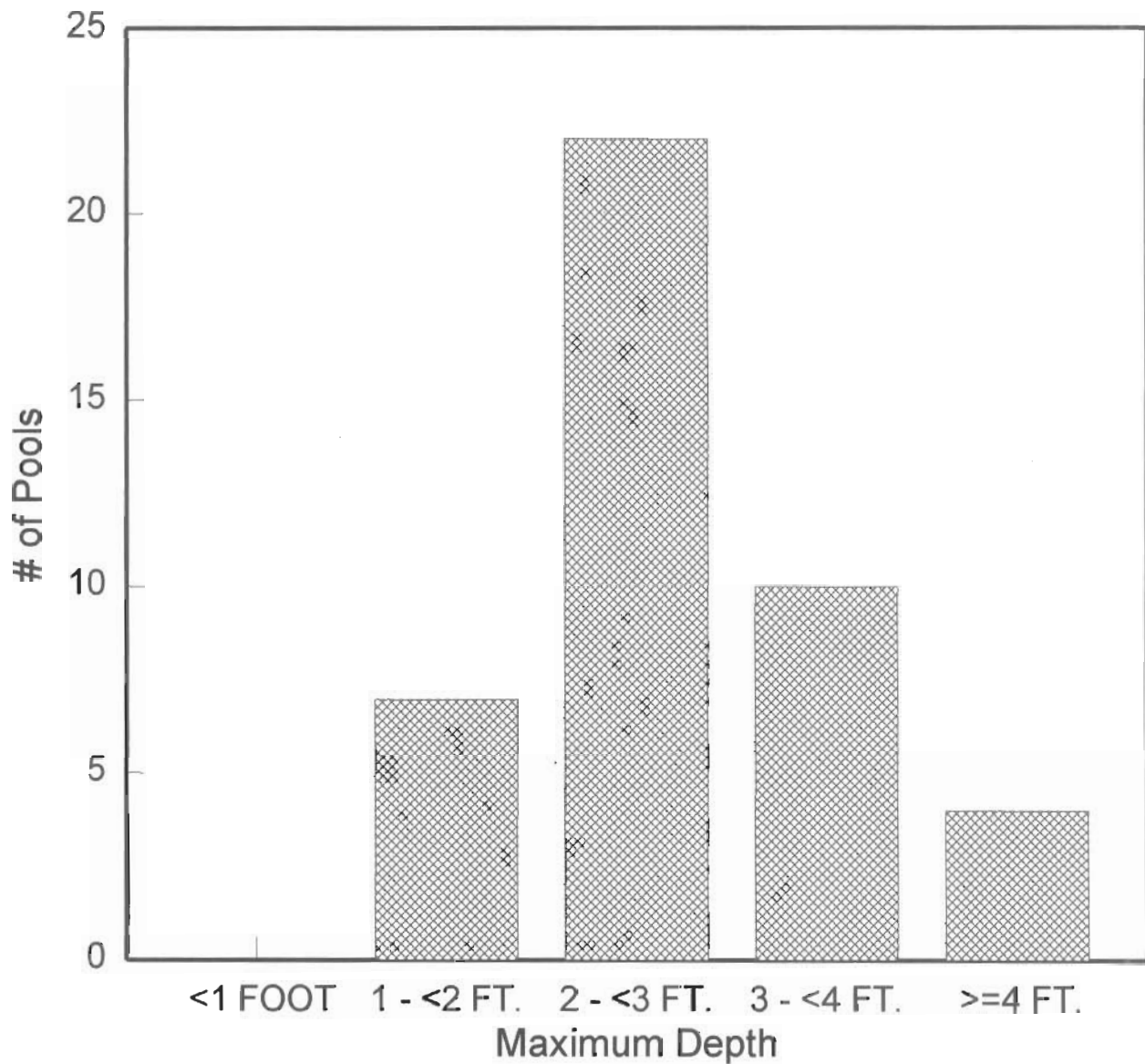
## Pool Habitat Types by % Occurrence



Graph 3

# Windsor Creek

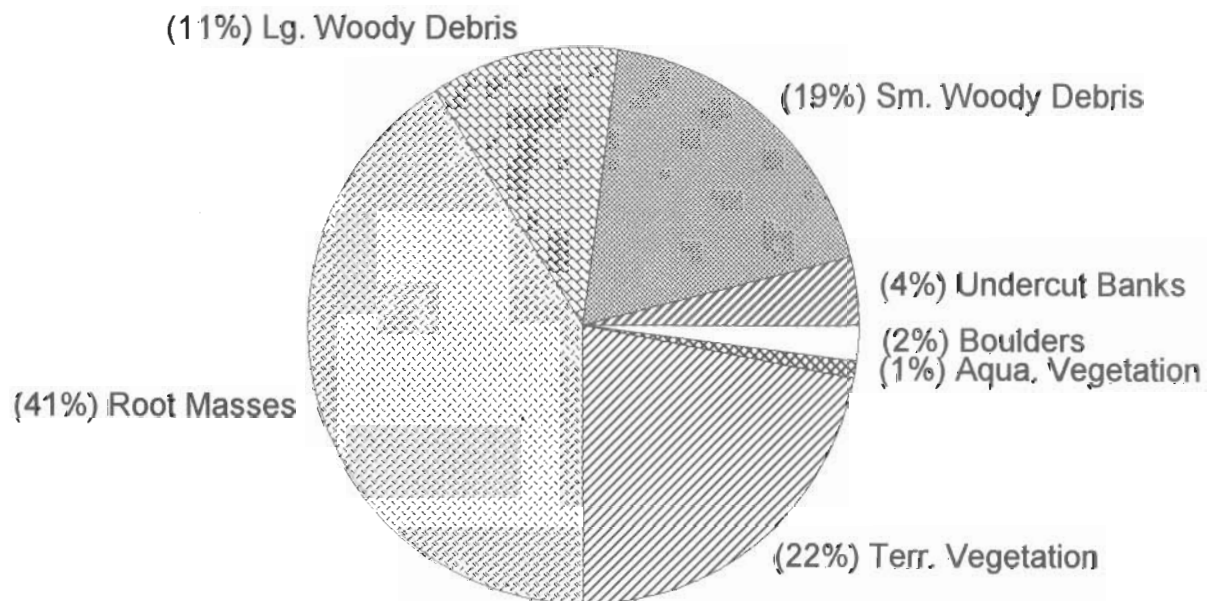
Maximum Depth in Pools



Graph 4

# Windsor Creek

## Pool Shelter Types by % Area

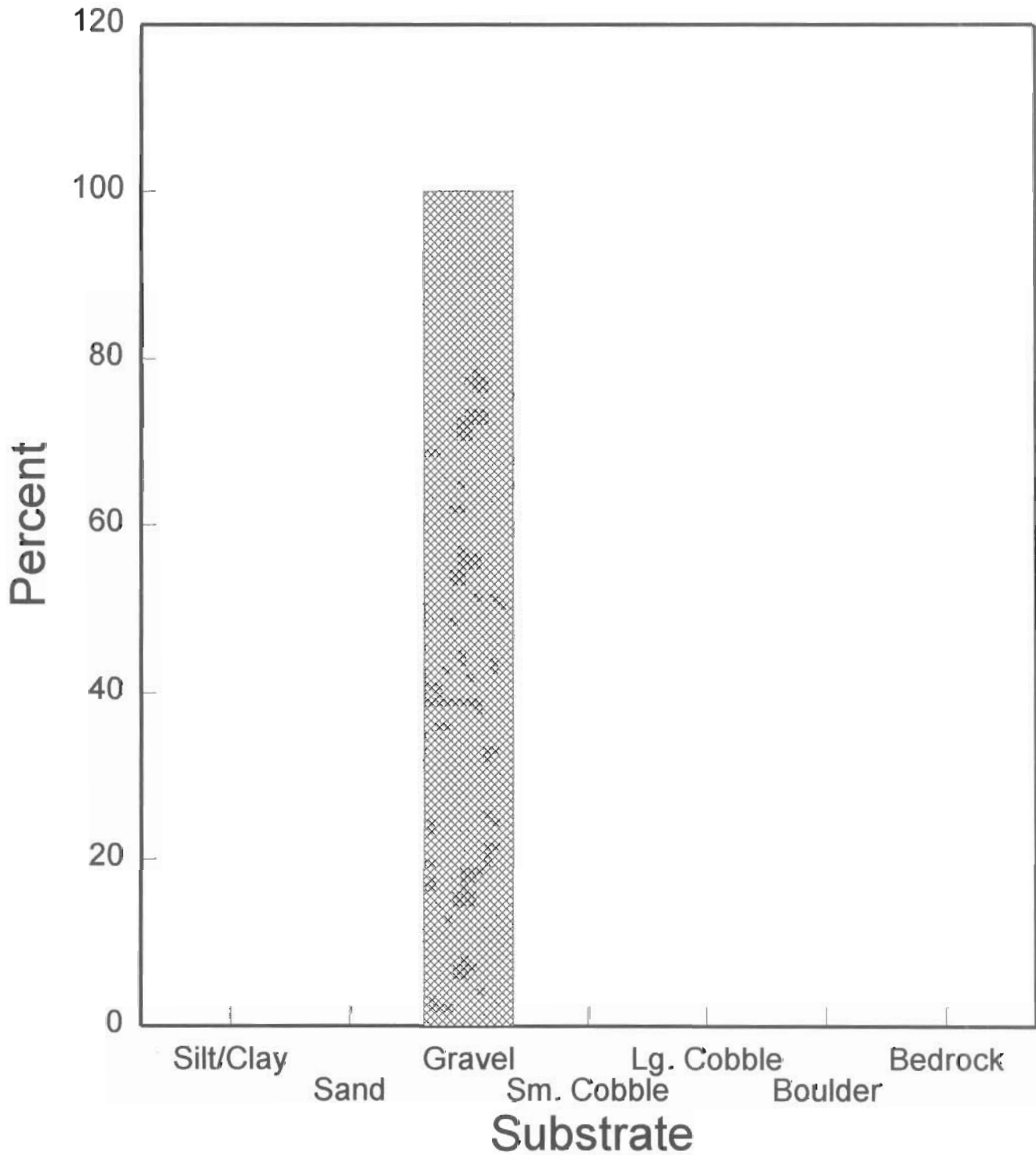


**Graph 5**



# Windsor Creek

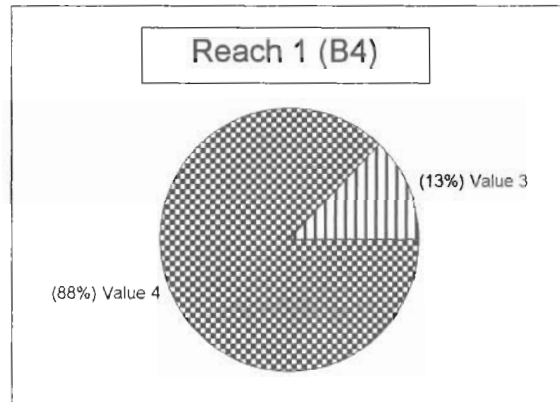
## Substrate Composition in Low Gradient Riffles



Graph 6

# WINDSOR CREEK

## Percent Cobble Embeddedness by Reach

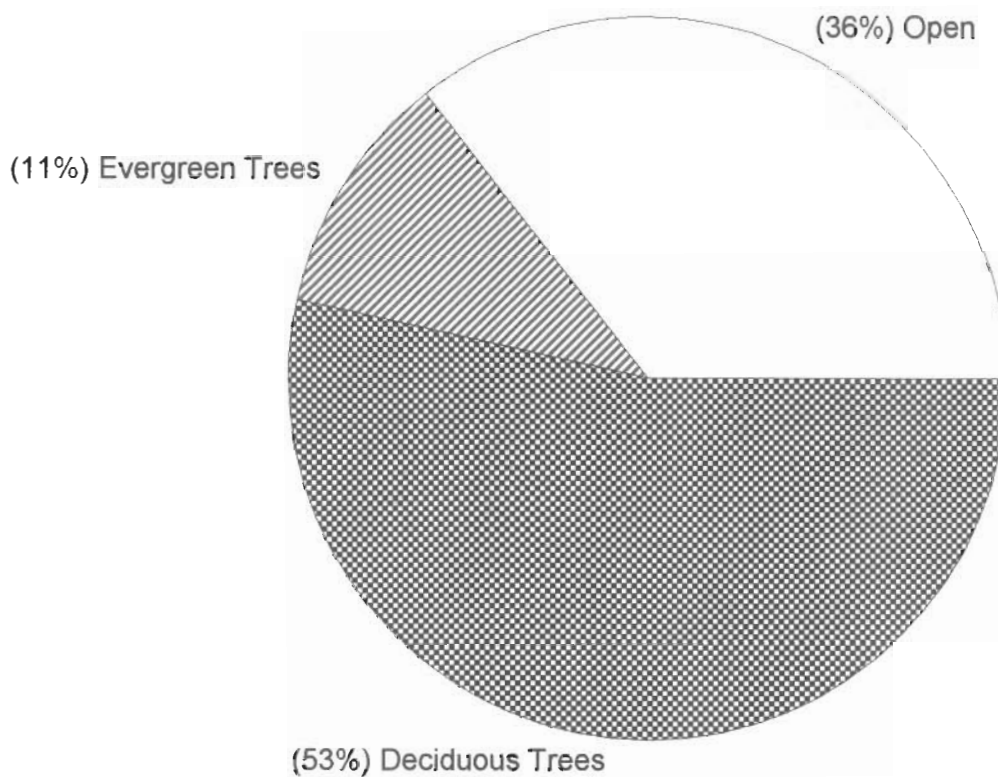


Value 1 = <25% Value 2 = 25-50% Value 3 = 51-75% Value 4 = >76%

Graph 7

# Windsor Creek

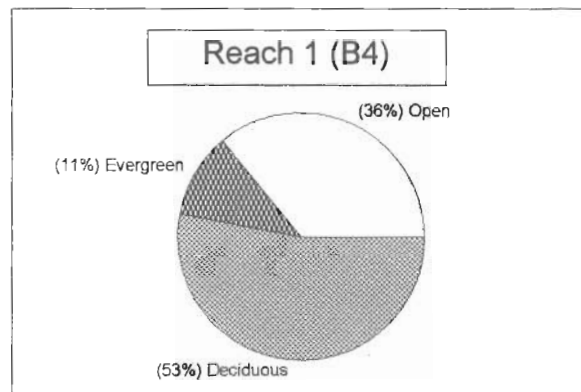
## Mean Percent Canopy



Graph 8

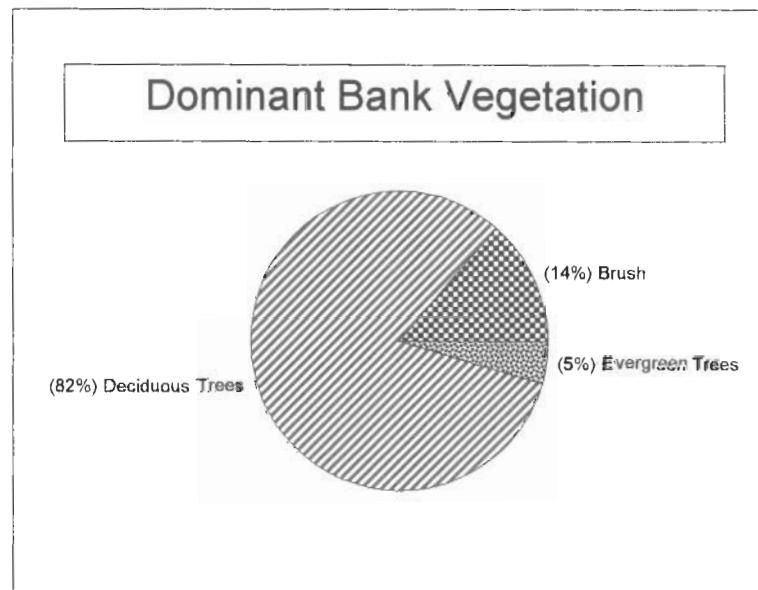
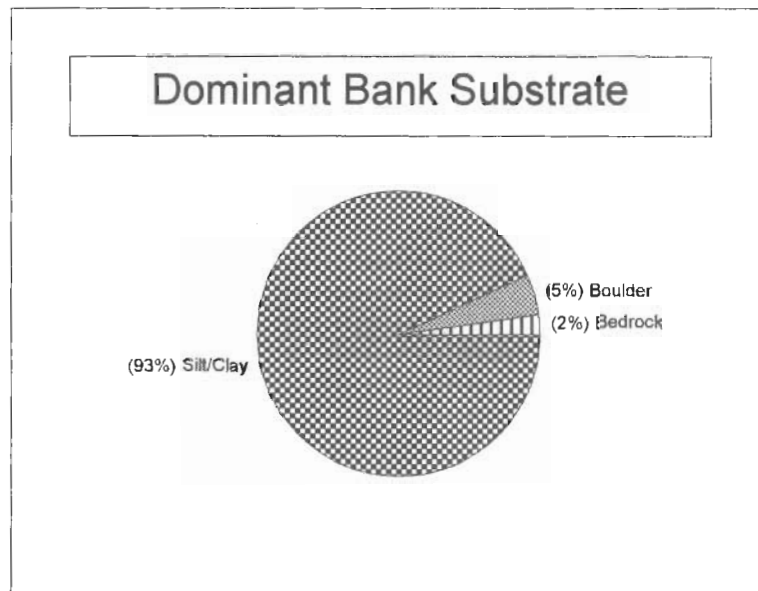
# WINDSOR CREEK

## Percent Canopy By Reach



# Windsor Creek

## Percent Bank Composition



Graph 10